



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/472,067A

DATE: 05/13/2003

TIME: 18:47:14

Input Set : N:\Cr4\05132003\I472067A.raw.txt

Output Set: N:\CRF4\05132003\I472067A.raw

SEQUENCE LISTING

1 (1) GENERAL INFORMATION:

2 (i) APPLICANT: HU, A-LI W.

3 HARTLEY, JAMES L.

4 JORDAN, HEATHER J.

5 (ii) TITLE OF INVENTION: NUCLEIC ACID LADDERS

6 (iii) NUMBER OF SEQUENCES: 7

7 (iv) CORRESPONDENCE ADDRESS:

8 (A) ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.

9 (B) STREET: 1100 NEW YORK AVENUE N.W., SUITE 600

10 (C) CITY: WASHINGTON

11 (D) STATE: DC

12 (E) COUNTRY: USA

13 (F) ZIP: 20005

14 (v) COMPUTER READABLE FORM:

15 (A) MEDIUM TYPE: Floppy disk

16 (B) COMPUTER: IBM PC compatible

17 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

18 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

19 (vi) CURRENT APPLICATION DATA:

C--> 20 (A) APPLICATION NUMBER: US/09/472,067A

C--> 21 (B) FILING DATE: 23-Dec-1999

22 (C) CLASSIFICATION:

23 (vii) PRIOR APPLICATION DATA:

W--> 24 (A) APPLICATION NUMBER: US 09/048,242

25 (B) FILING DATE: 26-MAR-1998

W--> 26 (A) APPLICATION NUMBER: US 60/040,914

27 (B) FILING DATE: 27-MAR-1997

28 (ix) TELECOMMUNICATION INFORMATION:

29 (A) TELEPHONE: (202)371-2600

30 (B) TELEFAX: (202)371-2540

31 (2) INFORMATION FOR SEQ ID NO: 1:

32 (i) SEQUENCE CHARACTERISTICS:

33 (A) LENGTH: 10 base pairs

34 (B) TYPE: nucleic acid

35 (C) STRANDEDNESS: both

36 (D) TOPOLOGY: linear

37 (ii) MOLECULE TYPE: cDNA

38 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

39 ATCTCAGGAT

41 (2) INFORMATION FOR SEQ ID NO: 2:

42 (i) SEQUENCE CHARACTERISTICS:

43 (A) LENGTH: 10 base pairs

10

CRF Errors Corrected by the STIC Systems Branch.

Serial Number: 09/472,067A

CRF Processing Date: 5/13/2003

Edited by: [Signature]

Verified by: [Signature]

(STIC staff)

ENTERED

TECH CENTER 1600/2900

MAY 15 2003

RECEIVED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

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44         (B) TYPE: nucleic acid
45         (C) STRANDEDNESS: both
46         (D) TOPOLOGY: linear
47     (ii) MOLECULE TYPE: cDNA
48     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
49     ATCAGTCGAT
51 (2) INFORMATION FOR SEQ ID NO: 3:                                10
52     (i) SEQUENCE CHARACTERISTICS:
53         (A) LENGTH: 10 base pairs
54         (B) TYPE: nucleic acid
55         (C) STRANDEDNESS: both
56         (D) TOPOLOGY: linear
57     (ii) MOLECULE TYPE: cDNA
58     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
59     ATCGCATGAT
61 (2) INFORMATION FOR SEQ ID NO: 4:                                10
62     (i) SEQUENCE CHARACTERISTICS:
63         (A) LENGTH: 10 base pairs
64         (B) TYPE: nucleic acid
65         (C) STRANDEDNESS: both
66         (D) TOPOLOGY: linear
67     (ii) MOLECULE TYPE: cDNA
68     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
69     ATCATGCGAT
71 (2) INFORMATION FOR SEQ ID NO: 5:                                10
72     (i) SEQUENCE CHARACTERISTICS:
73         (A) LENGTH: 65 base pairs
74         (B) TYPE: nucleic acid
75         (C) STRANDEDNESS: both
76         (D) TOPOLOGY: linear
77     (ii) MOLECULE TYPE: cDNA
78     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
79     AATTCTCGGG ATATCTCAGG ATATCTCAGG ATATCTCAGG ATATCTCAGG ATATCTCGGG
80     CTGCA                                                         60
82 (2) INFORMATION FOR SEQ ID NO: 6:                                65
83     (i) SEQUENCE CHARACTERISTICS:
84         (A) LENGTH: 43 base pairs
85         (B) TYPE: nucleic acid
86         (C) STRANDEDNESS: single
87         (D) TOPOLOGY: linear
88     (ii) MOLECULE TYPE: cDNA
89     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
90     CAACAACAAG AATTCAGGCC TAGCCAGTGC CTCGTCCATT TTT
92 (2) INFORMATION FOR SEQ ID NO: 7:                                43
93     (i) SEQUENCE CHARACTERISTICS:
94         (A) LENGTH: 37 base pairs
95         (B) TYPE: nucleic acid
96         (C) STRANDEDNESS: single
97         (D) TOPOLOGY: linear

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98 (ii) MOLECULE TYPE: cDNA
99 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
100 CAACAACAAA AGCTTCTTAC ATGGCCCAGG TGCAGTA

37

VERIFICATION SUMMARY

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Input Set : N:\Crf4\05132003\I472067A.raw.txt

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L:20 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:21 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:26 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)